

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	235	(karl.in. and thiele.in.) or (rodney.in. and solomon.in.) or (george.in. and adleman.in.) or (bernard.in. and savord.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/25 13:52
S2	41	S1 and (ultraso\$7 or ultrasound-imaging) and (transmit-beam or beam) and (operator-selectable or input or menu or keyboard or switch or push-button)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/25 13:54
S3	33	S1 and (ultraso\$7 or ultrasound-imaging) and (transmit-beam or beam) and (operator-selectable or input or (user adj input))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/25 14:02
S4	2	("6186948"   "6374674"). PN.	USPAT	OR	ON	2007/07/25 16:36
S5	2	S4 and (three with image)	USPAT	OR	ON	2007/07/25 14:31
S6	0	S4 and (frustum)	USPAT	OR	ON	2007/07/25 14:31
S7	2422	600/437,443,447.ccls. or 73/606.ccls. or 128/916.ccls.	USPAT	OR	ON	2007/07/25 16:37
S8	1872	S7 and ultrasound	USPAT	OR	ON	2007/07/25 16:37
S9	1	10/544143	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/23 17:11
S10	1	"6263093".pn.	USPAT	OR	ON	2009/06/23 18:10
S11	1	S10 and ((three adj dimensional) 3D)	USPAT	OR	ON	2009/06/23 18:10
S12	0	10/254130	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/14 13:35
S13	2	("6186948"   "6374674"). PN.	USPAT	OR	ON	2009/09/14 14:38

S14	1	S13 and (line with spac \$3)	USPAT	OR	ON	2009/09/14 14:38
S15	0	S13 and (line with transmit)	USPAT	OR	ON	2009/09/14 14:51
S16	0	S13 and (line with reduc \$6)	USPAT	OR	ON	2009/09/14 14:51
S17	18	ultraso\$7 same (reduc\$6 with (number amount) with line with transmit)	USPAT	OR	ON	2009/09/14 14:51
S18	1	(US-5718230-\$).did.	USPAT	OR	OFF	2009/09/14 14:56
S19	0	S18 and (3d dimensional)	USPAT	OR	ON	2009/09/14 14:56
S20	0	S18 and (voi volume)	USPAT	OR	ON	2009/09/14 15:04
S21	1	(US-6186948-\$).did.	USPAT	OR	OFF	2009/09/14 15:04
S22	1	"6241675".pn.	USPAT	OR	OFF	2009/09/14 15:40
S23	1	(US-5740128-\$).did.	USPAT	OR	OFF	2009/09/14 16:07
S24	1	S23 and (dimensional 3d volume)	USPAT	OR	ON	2009/09/14 16:07
S25	11	(ultraso\$7 same (phased with array)) and (reduc \$6 with (number amount) with line with transmit)	USPAT	OR	ON	2009/09/14 16:19
S26	1	"5431167".pn.	USPAT	OR	ON	2009/09/14 16:20
S27	0	S13 and (frustum (reference with frame))	USPAT	OR	ON	2009/09/14 17:47
S28	0	S26 and (frustum (reference with frame))	USPAT	OR	ON	2009/09/14 17:47
S29	0	(ultraso\$7 same (phased with array)) and ((adjust \$3 chang\$3) with frustum)	USPAT	OR	ON	2009/09/14 17:49
S30	9	(ultraso\$7) and ((adjust \$3 chang\$3) with frustum)	USPAT	OR	ON	2009/09/14 17:49
S31	0	(ultraso\$7) and (reference with frame with bisect\$3 with (volume voi))	USPAT	OR	ON	2009/09/14 17:50

S32	0	(ultraso\$7) and (reference with frame with (adjust\$3 chang\$3) with (volume voi))	USPAT	OR	ON	2009/09/14 17:50
S33	2	S13 and (line beam)	USPAT	OR	ON	2009/09/14 18:04
S34	0	S13 and (line beam) with reduc\$3	USPAT	OR	ON	2009/09/14 18:07
S35	552	(ultraso\$7) and ((var\$4 chang\$3 alter\$3 increas\$3 expand\$4 reduc\$3 decreas\$3) with (density spac\$3 distance direction angle) with (transmit transmission acoustic) with line)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 17:43
S36	264	(ultraso\$7 with imag\$3) and ((var\$4 chang\$3 alter\$3 increas\$3 expand\$4 reduc\$3 decreas\$3) with (density spac\$3 distance direction angle) with (transmit transmission acoustic) with line)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 17:44
S37	30	(ultraso\$7 with imag\$3) and (spatial\$2 with (var\$4 chang\$3 alter\$3 increas\$3 expand\$4 reduc\$3 decreas\$3) with (density spac\$3 distance direction angle) with (transmit transmission acoustic) with line)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 18:05
S38	30	(US-20090203997-\$ or US-20090203996-\$ or US-20090198138-\$ or US-20090062651-\$ or US-20090054779-\$ or US-20090030316-\$ or US-20070196282-\$ or US-20050096538-\$ or US-20020022780-\$).did. or (US-6635018-\$ or US-6544177-\$ or US-6226228-\$ or US-6222795-\$ or US-6210328-\$ or US-6104670-\$ or US-6016285-\$ or US-6015385-\$ or US-6009046-\$ or US-	US-PGPUB; USPAT; JPO	OR	OFF	2009/09/22 18:15

		6005827-\$ or US- 5980458-\$ or US- 5957852-\$ or US- 5919137-\$ or US- 5793701-\$ or US- 5740128-\$ or US- 5667373-\$ or US- 5626138-\$ or US- 5623928-\$ or US- 5562096-\$ or US- 5462057-\$).did. or (JP- 2007054624-\$).did.				
S39	30	S38 and (spatial\$2 with (var\$4 chang\$3 alter\$3 increas\$3 expand\$4 reduc\$3 decreas\$3) with (density spac\$3 distance direction angle) with (transmit transmission acoustic) with line)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 18:15
S40	2	"5873830".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 18:27
S41	2	(ultraso\$7 with imag\$3) and ((user operator) with control\$4 with (var \$4 chang\$3 alter\$3 increas\$3 expand\$4 reduc\$3 decreas\$3) with (density spac\$3 distance direction angle) with (transmit transmission acoustic) with line)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 18:37
S42	0	(ultraso\$7 with imag\$3) and ((keyboard trackball) with (var\$4 chang\$3 alter\$3 increas \$3 expand\$4 reduc\$3 decreas\$3) with (density spac\$3 distance direction angle) with (transmit transmission acoustic) with line)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 18:40
S43	0	(ultraso\$7 with imag\$3) and (spatial\$2 with var \$4 with (transmit transmission) with ((scan with sequence) (acoustic with line)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 18:42

S44	0	(ultraso\$7 with imag\$3) and (spatial\$3 with var \$4 with (transmit transmission) with ((scan with sequence) (acoustic with line)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 18:42
S45	1	ultraso\$7 same (((transmit transmission acoustic) with line with (dens\$3) with (middle cent\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/23 12:55
S46	3	ultraso\$7 same (((transmit transmission acoustic) with line with (dens\$3) with (middle cent\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/23 12:55
S47	100	ultraso\$7 same (interpolat\$3 with volume)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/10 14:03
S48	17	ultraso\$7 same (((reconstruct\$3 with (volume 3D (three adj dimensional)))) with interpolat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/10 14:13
S49	5	"6950112".pn. "2003231178".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/11 12:51
S50	1	S49 and ((up with sampl \$3) interpolat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 12:53
S51	5	(US-20060074310-\$). did. or (US-6374674-\$ or US-6186948-\$ or US- 6241675-\$ or US- 5976089-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/11/11 13:06
S52	3	S51 and ((up with sampl \$3) interpolat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 13:06
S53	9267	((up adj sampl\$3) interpolat\$3) with (volume 3D (three adj dimensional\$2) 3-D)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 13:39
S54	231	((((up adj sampl\$3) interpolat\$3) with (volume 3D (three adj dimensional\$2) 3-D)) same ultraso\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 13:39
S55	1	(US-20040127797-\$). did.	US-PGPUB	OR	OFF	2009/11/11 15:10

S56	1	S55 and interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 15:10
S57	0	((upsampl\$3) with (volume 3D (three adj dimensional\$2) 3-D)) same ultraso\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 15:28
S58	1	S51 and ((up with sampl \$3) interpolat\$3) with volumetric with samples with filtering	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 15:42
S59	1	((up adj sampl\$3) interpolat\$3 upsampl\$3) with (volume 3D (three adj dimensional\$2) 3-D) with ((after subsequent) near render\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 15:47
S60	9	((up adj sampl\$3) interpolat\$3) with (volume 3D (three adj dimensional\$2) 3-D)) same ultraso\$7 same smoothing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 15:48
S61	352	((up adj sampl\$3) interpolat\$3 upsampl\$3) with (3D (three adj dimensional\$2) 3-D) with volume	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 16:36
S62	84	((up adj sampl\$3) interpolat\$3 upsampl\$3) with ((3D (three adj dimensional\$2) 3-D) adj volume)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 16:38
S63	0	((up adj sampl\$3) interpolat\$3 upsampl\$3) with ((3D (three adj dimensional\$2) 3-D) adj volume) with ultrasound with memory	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/11 17:03

11/ 20/ 2009 4:34:19 PM

C:\Documents and Settings\mrozanski\My Documents\EAST\Workspaces\Thiele.wsp